0.40 A.C. (17,500 S.F.)

ALL CONSTRUCTION SHALL BE IN ACCORDANCE SYMBOLS AND ABBREVIATIONS EXISTING CURB INLET WITH CURRENT TOWN OF KNIGHTDALE AGGREGATE BASE COURSE BACK TO BACK EXISTING GRATE INLET/YARD INLET BLOW-OFF ASSEMBLY EXISTING FLARED END SECTION STANDARDS & SPECIFICATIONS EXISTING FIRE HYDRANT CURB AND GUTTER EXISTING BLOW-OFF ASSEMBLY CUBIC FEET PER SECOND EXISTING GATE VALVE CURB INLET EXISTING REDUCER CENTER LINE EXISTING WATER METER

EXISTING SAN SEWER MANHOLE

EXISTING TELEPHONE PEDESTAL

NEW GRATE INLET/YARD INLET

NEW FLARED END SECTION

NEW BLOW-OFF ASSEMBLY

EXISTING CLEAN OUT

EXISTING AREA LIGHT

EXISTING SIGN

NEW CURB INLET

NEW FIRE HYDRANT

NEW GATE VALVE NEW REDUCER

NEW WATER METER

NEW PLUG

NEW SIGN

IRON PIPE

BENCHMARK

TEMP SILT FENCE

DISTURBED LIMITS

EXISTING GAS LINE

EXISTING WATER LINE

EXISTING SANITARY SEWER

EXISTING STORM DRAINAGE

NEW STORM DRAINAGE

NEW SANITARY SEWER

NEW SANITARY SEWER FORCE MAIN

HANDICAPPED ACCESSIBLE ROUTE

NEW WATER LINE

NEW GAS MAIN

STREAM

• • • • • • • • • • • • •

TEMP TREE PROTECTION FENCE

EXISTING COMMUNICATIONS LINE

EXISTING UNDERGROUND TELEPHONE

EXISTING UNDERGROUND ELECTRIC

EXISTING SANITARY SEWER FORCE MAIN

EXISTING OVERHEAD ELECTRIC

TEMP COMBINATION SILT

TREE PROTECTION FENCE TEMP DIVERSION DITCH

NEW MANHOLE

NEW CLEAN OUT

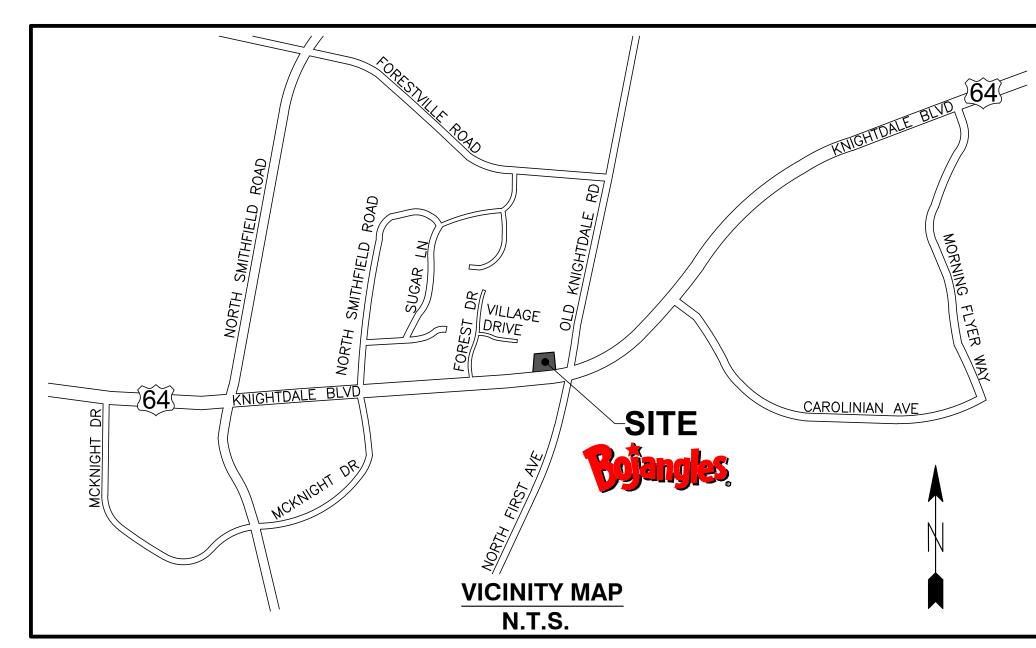
EXISTING POWER POLE

BOJANGLES RESTAURANT - REMODEL 7525 KNIGHTDALE BLVD, KNIGHTDALE, NC 27545

CONDITIONAL DISTRICT REZONING / MASTER PLAN **CONSTRUCTION PLANS**

FOR NEW HIGHWAY 64 ROAD IMPROVEMENTS, VESTIBULE RENOVATION, BUILDING FACADE UPGRADES & H/C PARKING RESTRIPING

TOWN OF KNIGHTDALE PROJECT#'s 501031 & ZMA-2-20



CONSTRUCTION NOTES

CORRUGATED METAL PIPE

DOUBLE CHECK VALVE

DOUBLE DETECTOR CHECK VALVE

CLEAN OUT

CONCRETE

DROP INLET

EASEMENT

ELECTRIC

EXISTING

DUCTILE IRON PIPE

FLARED END SECTION

HIGH DENSITY POLYETHYLENE

FINISHED PAD ELEVATION

POLYVINYL CHLORIDE

REINFORCED CONCRETE PIPE

REDUCED PRESSURE ZONE

TEMPORARY DIVERSION DITCH

TEMPORARY SEDIMENT BASIN

FIRE HYDRANT

FORCE MAIN

GALVANIZED

GATE VALVE

LINEAR FEET

MANHOLE

PAVEMENT

POWER POLE

RIGHT-OF-WAY

SANITARY SEWER

REDUCER

STATION

TELEPHONE

UNDERGROUND

WATER LINE

WATER METER

WHEELCHAIR RAMP

RADIUS

LENGTH

COMMUNICATION

COM

CONC

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE MUNICIPALITY STANDARDS SPECIFICATIONS, AND DETAILS. WORK IN THIS PROJECT SHALL ALSO CONFORM TO THESE PLANS, THE LATEST EDITIONS OF THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) ROAD AND BRIDGE SPECIFICATIONS, THE ROAD AND BRIDGE STANDARDS, THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL HANDBOOK, THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL REGULATIONS, THE FINAL GEOTECHNICAL REPORT, AND GENERAL DESIGN STANDARDS. IN THE EVENT OF CONFLICT BETWEEN ANY OF THESE STANDARDS, SPECIFICATIONS, OR PLANS, THE MOST STRINGENT SHALL GOVERN.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR TRENCH SAFETY DURING ALL PHASES
- THE LOCATION AND SIZE OF EXISTING UTILITIES AS SHOWN IS APPROXIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR HORIZONTALLY AND VERTICALLY LOCATING AND PROTECTING ALL PUBLIC OR PRIVATE UTILITIES WHICH LIE IN OR ADJACENT TO THE CONSTRUCTION SITE. AT LEAST 48 HOURS PRIOR TO ANY DEMOLITION, GRADING, OR CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE NORTH CAROLINA ONE-CALL UTILITIES LOCATION SERVICE (ULOCO) AT 1-800-632-4949 FOR PROPER IDENTIFICATION OF EXISTING UTILITIES WITHIN THE
- 4. THE CONTRACTOR SHALL SALVAGE AND PROTECT ALL EXISTING POWER POLES, SIGNS, MANHOLES, TELEPHONE RISERS, WATER VALVES, ETC. DURING ALL CONSTRUCTION PHASES. THE CONTRACTOR SHALL REPAIR, AT HIS OWN EXPENSE, ANY EXISTING UTILITIES DAMAGED DURING
- TRAFFIC CONTROL ON PUBLIC STREETS SHALL BE IN CONFORMANCE WITH THE TRAFFIC CONTROL PLAN, THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES," AND AS FURTHER DIRECTED BY CITY AND STATE INSPECTORS.
- 6. ANY DISCREPANCIES FOUND BETWEEN THE DRAWINGS AND SPECIFICATIONS AND SITE CONDITIONS OR ANY INCONSISTENCIES OR AMBIGUITIES IN DRAWINGS OR SPECIFICATIONS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER, IN WRITING, WHO SHALL PROMPTLY ADDRESS SUCH INCONSISTENCIES OR AMBIGUITIES. WORK DONE BY THE CONTRACTOR AFTER HIS DISCOVERY OF SUCH DISCREPANCIES, INCONSISTENCIES, OR AMBIGUITIES SHALL BE DONE AT THE CONTRACTOR'S RISK.

7. A PRE-CONSTRUCTION CONFERENCE SHALL BE HELD PRIOR TO THE START OF CONSTRUCTION.

- THE CONTRACTOR SHALL ARRANGE THE MEETING WITH THE CITY ENGINEERING DIVISION.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL REQUIRED PERMITS AND APPROVALS PRIOR TO COMMENCING CONSTRUCTION.
- 9. ALL AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE, AND AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL USE SILT FENCES (OR OTHER METHODS APPROVED BY THE ENGINEER AND APPLICABLE MUNICIPALITY) AS REQUIRED TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, OR LOCAL EROSION, CONSERVATION, AND SILTATION ORDINANCES. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL DEVICES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND THE ESTABLISHMENT OF A STAND OF GRASS OR OTHER GROWTH TO PREVENT EROSION.
- 10. THE CONTRACTOR SHALL CLEAR AND GRUB THE SITE AND PLACE, COMPACT, AND MOISTURE CONDITION ALL FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO
- 11. MATERIALS USED TO CONSTRUCT EMBANKMENTS FOR ANY PURPOSE, BACKFILL AROUND DRAINAGE STRUCTURES, OR IN UTILITY TRENCHES FOR ANY OTHER DEPRESSION REQUIRING FILL OR BACKFILL SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AS SET OUT IN ASTM STANDARD D698. STONE BACKFILL SHALL BE COMPACTED TO 95% MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST AS SET OUT IN ASTM STANDARD D1557. THE CONTRACTOR SHALL, PRIOR TO ANY OPERATIONS INVOLVING FILLING OR BACKFILLING, SUBMIT THE RESULTS OF THE PROCTOR TEST TOGETHER WITH A CERTIFICATION THAT THE SOIL TESTED IS REPRESENTATIVE OF THE MATERIALS TO BE USED ON THE PROJECT. TESTS SHALL BE CONDUCTED BY A CERTIFIED MATERIALS TESTING

- LABORATORY AND THE CERTIFICATIONS MADE BY A LICENSED PROFESSIONAL ENGINEER
- 12. PROPOSED CONTOURS AND GUTTER GRADIENTS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND ROADWAY PROFILES/SUPERELEVATIONS ARE TO BE USED IN CASE OF
- 13. THE CONTRACTOR SHALL REVIEW, VERIFY AND COORDINATE ALL DIMENSIONS SHOWN ON PLANS, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF CURB INLETS AND GRATE INLETS AND ALL UTILITIES CROSSING THE STORM SEWER PRIOR TO STARTING PROJECT.
- 14. ALL CURB JOINTS SHALL EXTEND THROUGH THE CURB. MINIMUM LENGTH OF OFFSET JOINTS AT RADIUS POINTS IS 1.5 FEET. ALL JOINTS SHALL BE SEALED WITH JOINT SEALANT.
- ALL HANDICAP RAMPING, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA REQUIREMENTS AND THE "NORTH CAROLINA STATE BUILDING CODE, VOL. 1-C ACCESSIBILITY
- 16. OWNER SHALL PROVIDE FENCING AND OTHER SAFETY MEASURES NECESSARY IN AND AROUND ANY PROPOSED STORMWATER MANAGEMENT MEASURES (PONDS, WETLANDS, ETC.) OBTAINING PROPER PERMITS SHALL BE THE RESPONSIBILITY OF THE OWNER.
- 17. RETAINING WALLS EXCEEDING 30 INCHES IN HEIGHT SHALL INCLUDE FALL PROTECTION IN THE FORM OF A HANDRAIL OR FENCING ON THE HIGH SIDE OF THE RETAINING WALL AND WILL REQUIRE A SEPARATE BUILDING PERMIT.
- 18. PROPER COMPACTION OF ALL FILL SOILS PLACED ON SITE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COMPACTION SHALL BE ADEQUATE TO SUPPORT THE PROPOSED USE OF AREAS IN WHICH FILL SOILS ARE PLACED. THE CONTRACTOR SHALL HIRE A GEOTECHNICAL ENGINEER TO TEST AND VERIFY THAT COMPACTION IS ADEQUATE FOR THE PROPOSED USE OF
- 19. ALL ASPECTS OF THIS PROJECT SHALL BE IN FULL COMPLIANCE WITH CURRENT ADA STANDARDS. IF THE CONTRACTOR NOTES ANY ASPECTS OF THE PROJECT WHICH ARE NOT IN COMPLIANCE. THE ENGINEER SHALL BE NOTIFIED PRIOR TO ANY FURTHER WORK BEING PERFORMED. ANY WORK PERFORMED AFTER THE CONTRACTOR NOTES SUCH A NON-COMPLIANCE IS SUBJECT TO REMOVAL AND REPAIR AT THE CONTRACTOR'S EXPENSE.
- 20. THE CONTRACTOR OR OWNER SHALL EMPLOY A GEOTECHNICAL ENGINEER TO TEST ALL EMBANKMENTS AND FILL PLACEMENT FOR PROPER COMPACTION. PROPER COMPACTION SHALL BE PER THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS OR THESE PLANS, WHICHEVER IS MORE STRINGENT. EMBANKMENTS FOR PONDS SHALL BE PLACED IN 6 INCH LOOSE LAYERS AND SHALL BE COMPACTED TO A DENSITY OF NO LESS THAN 95% OF THE STANDARD PROCTOR MAXIMUM DENSITY AT A MOISTURE CONTENT OF + OR - TWO PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D698. THE CONTRACTOR SHALL TAKE PHOTOGRAPHS OF THE OUTLET STRUCTURE AT ALL AT ALL PHASES OF INSTALLATION AND SHALL RETAIN WITH GEOTECHNICAL TESTING DATA. THE CONTRACTOR SHALL ALSO RETAIN ALL SHIPPING RECORDS AND SPECIFICATIONS FOR THE OUTLET STRUCTURE MATERIALS AND STRUCTURES. ALL OF THE ABOVE DATA MAY BE REQUIRED AS PART OF THE MUNICIPALITY AS-BUILT PROCESS AND SHALL BE MADE AVAILABLE TO THE ENGINEER UPON REQUEST. THE CONTRACTOR AND OWNER SHALL HAVE DOCUMENTATION OF THESE TESTS AVAILABLE UPON
- 21. RETAINING WALLS SHOWN HEREIN SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL ENGINEER WITH EXPERIENCE DESIGNING RETAINING WALLS. AT LEAST 14 DAYS PRIOR TO BEGINNING CONSTRUCTION OF RETAINING WALLS, THE CONTRACTOR SHALL CONTACT THE OWNER'S GEOTECHNICAL ENGINEER TO SCHEDULE AND COORDINATE ALL APPROPRIATE INSPECTIONS. TESTING. AND VERIFICATION NECESSARY DURING RETAINING WALL CONSTRUCTION. THE GEOTECHNICAL ENGINEER SHALL PROVIDE CONTINUOUS INSPECTION. TESTING AND VERIFICATION FOR THE DURATION OF RETAINING WALL CONSTRUCTION. PROPER SCHEDULING, EXECUTION. AND RECORD KEEPING FOR ALL REQUIRED INSPECTIONS, TESTING, AND VERIFICATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUCH RECORDS SHALL BE RETAINED AND SHALL BE PROVIDED TO THE OWNER AND BASS. NIXON & KENNEDY, INC. ALL MONITORING, TESTING, AND VERIFICATION SHALL CONFORM TO THE MOST RECENT VERSION OF THE NC BUILDING CODE CHAPTER 18, SECTION 1806 OR THE WALL DESIGN ENGINEER'S SPECIFICATIONS, WHICHEVER IS

FEMA & WETLANDS NOTE:

THIS PROPERTY IS NOT LOCATED IN A FLOOD PLAIN PER FEMA MAP #3720175400J EFFECTIVE DATE MAY 05, 2006.

TOWN OF KNIGHTDALE NOTES:

- DUE TO THE LIMITED SIZE OF THE SITE, WAKE COUNTY WILL NOT REVIEW AN S&EC PLAN. HOWEVER, TOWN OF KNIGHTDALE WILL REQUIRE S&EC MEASURES.
- 2. ANY CHANGES TO EXISTING GROUND SIGN IS SUBJECT TO A SEPARATE REVIEW AND APPROVAL. 3. ALL IMPROVEMENTS AND WORK WITHIN ROW WILL REQUIRE ENCROACHMENT PERMIT FROM NCDOT.

SURVEY INFORMATION

BOUNDARY, TOPOGRAPHY PROVIDED BY: NEWCOMB LAND SURVEYORS. PLLC 7008 HARPS MILL RD., STE. 105 RALEIGH, NC 27615 OFFICE: 919-847-1800, NC LICENSE # P-0203





NOTE: ALL CONSTRUCTION ACTIVITY MUST BE IN ACCORDANCE WITH THE ACCEPTED POLICES OF THE TOWN OF KNIGHTDALE AND THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION.

DEVELOPER / RESTAURANT OWNER:

TRI-ARC FOOD SYSTEMS **4905 WATERS EDGE DRIVE** RALEIGH, NC 27606

CONTACT: TOMMY HADDOCK, PRES. PHONE: (919) 859-1131 EMAIL: Thaddock@Bojanglesrdu.com

ARCHITECT:

DESIGN DEVELOPMENT ARCHITECTS 800 SALEM WOODS DRIVE, SUITE 102 RALEIGH, NC 27615

CONTACT: T.J. (TOM) MULDER, PM PHONE: (919) 848-4474 **EMAIL: Tomm@Designdevelopment.com**

ENGINEER / LANDSCAPE ARCHITECT:

BASS, NIXON & KENNEDY, INC. **CONSULTING ENGINEERS** 6310 CHAPEL HILL ROAD, SUITE 250 **RALEIGH, NORTH CAROLINA 27607**

TELEPHONE: (919) 851-4422 (919) 851-8968

CERTIFICATION NUMBERS: NCBELS (C-0110) & NCBOLA (C-0267

CONTACT: DAVID H. BLEVINS, P.E. David.Blevins@BNKinc.com

CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION

Plans for the proposed use have been reviewed for general compliance with applicable codes. This limited review, and authorization for construction is not to be considered to represent total compliance with all legal requirements for development and construction. The property owner, design consultants, and contractors are each responsible for compliance with all applicable City. State and Federal laws. This specific authorization below is not a permit, nor shall it be construed to permit any violation of City, State or Federal Law. All Construction must be in accordance with all Local, State, and Federal Rules

Electronic Approval: This approval is being issued electronically. This approva is valid only upon the signature of a City of Raleigh Review Officer below. The City will retain a copy of the approved plans. Any work authorized by this approval must proceed in accordance with the plans kept on file with the City. This electronic approval may not be edited once issued. Any modification to this approval once issued will invalidate this approval.

City of Raleigh Development Approval

City of Raleigh Review Officer

PROJECT NAME: BOJANGLE'S RESTAURANT BUILDING RENOVATION 501031 & ZMA-2-20 TOWN OF KNIGHTDALE PROJECT #'S: OWNER: KNIGHTDALE RA LLC PARCEL ID #: DEED BOOK: BOOK OF MAPS 1989 PAGE 72 ADDRESS: 7525 KNIGHTDALE BLVD KNIGHTDALE, NC 27545 **EXISTING ZONING:** HB (HIGHWAY BUSINESS) PROPOSED ZONING: HB-CD (HIGHWAY BUSINESS-CONDITIONAL DISTRICT) SITE LOCATED IN TOWN LIMITS: EXISTING ACREAGE: 0.92 ACRES RIVER BASIN: WATERSHED: N/A LAND USE: EXISTING USE: FAST FOOD RESTAURANT SETBACKS: STREET: 77' (BM 1989, PG 72) **BUILDING INFORMATION** 3,442 G.S.F. EXISTING BUILDING AREA 1 STORY NUMBER OF STORIES: BUILDING HEIGHT - MAXIMUM TO PARAPET 19'-8" 100 SEATS **EXISTING PARKING SPACES:** 42 SPACES (INCL. 2 H/C SPACES) TOTAL MAXIMUM PARKING SPACES REQUIRED: $3,442 / 1000 \times 15 = 51.163$ TOTAL MINIMUM PARKING SPACES REQUIRED: ONE HALF OF MAX. = 25.581TOTAL PROPOSED PARKING SPACES: 39 SPACES (INCL. 2 H/C SPACES) HANDICAP PARKING SPACE REQUIREMENTS REQUIRED MIN. HANDICAP ACCESSIBLE PARKING SPACES: PROVIDED HANDICAP ACCESSIBLE PARKING SPACES: & ONE VAN ACESSIBLE PARKING SPACE BICYCLE PARKING SPACE REQUIREMENTS & CALCULATIONS: UDO CHAPTER 10 SEC. 10.3.C.3 - 1 BICYCLE SPACE PER 0 MOTORIZED VEHICLE SPACES.: TOTAL REQUIRED BIKE SPACES: 39 / 10 = 3.9TOTAL PROPOSED BIKE SPACES 4 BIKE SPACES (2 RACKS) <u>IMPERVIOUS AREAS</u>: PRE-IMPERVIOUS AREA: 0.62 AC.- 27,045 S.F. (68%) POST-IMPERVIOUS AREA 0.63 AC.- 27,466 S.F. (69%)

LIMITS OF DISTURBANCE SHEET INDEX

COVER

C1.0 EXISTING CONDITIONS

C1.1 PROPOSED SITE PLAN

C1.2 PROPOSED SIGNS & MARKINGS PLAN

PROPOSED GRADING & DRAINAGE AND EC PLAN

C5.1 SITE DETAILS

C5.2 STORM DRAINAGE DETAILS

L1.1 LANDSCAPE PLAN

LIGHTING PLAN

A2.1 BUILDING ELEVATIONS

A3.1 BUILDING SECTIONS

a.	Town Certification. This design has been reviewed by the Engineer for the Town of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.
	By: Date: Town Engineer
	These plans are approved by the Town of Knightdale and serve as

construction plans for this project. 12/07/2021

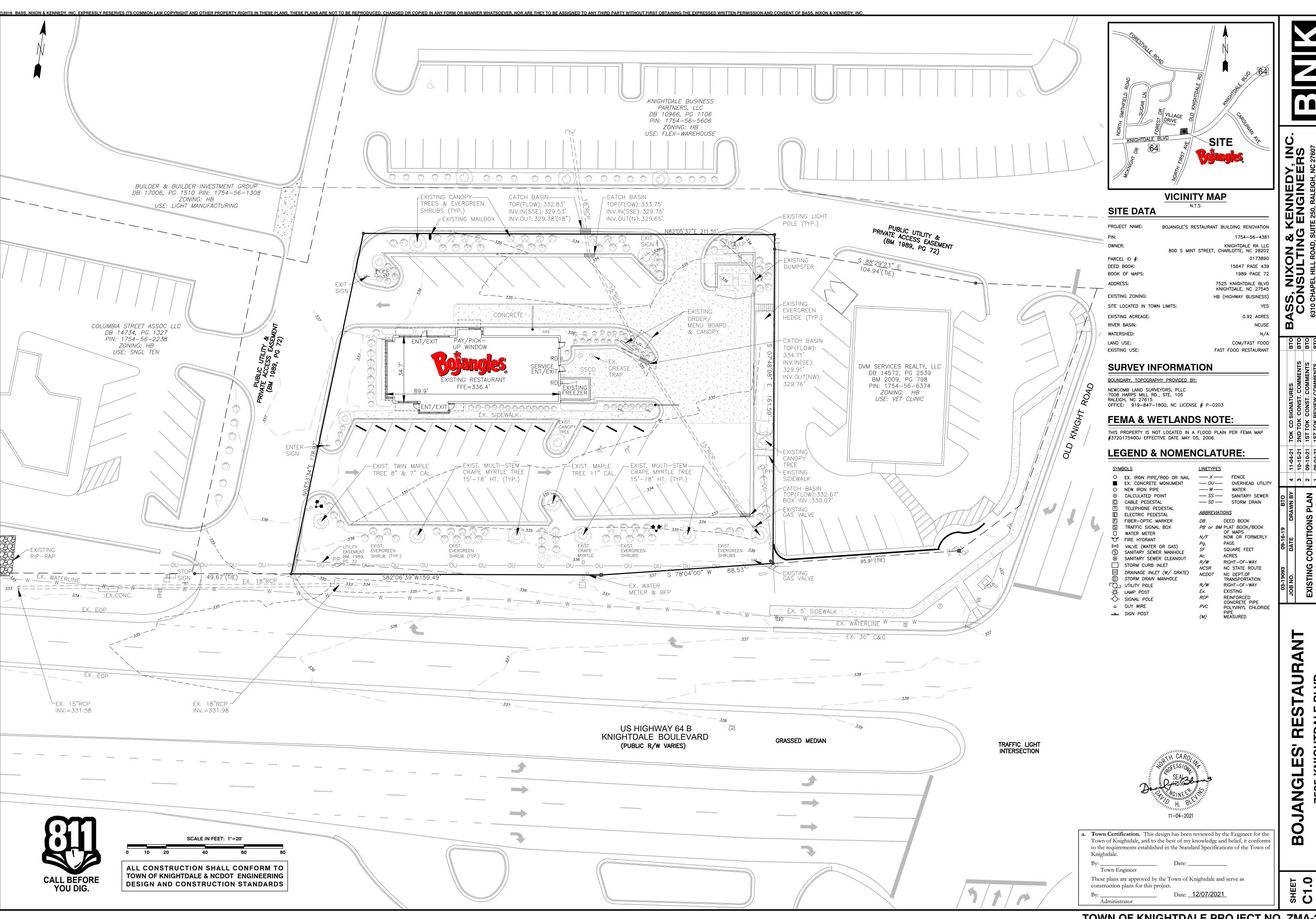
Administrator

. Town Approved Standards Shall Control. In the event of a conflict or inconsistency between these construction drawings and the Town of Knightdale's Approved Standards for this project, the Approved Standards shall control. Town of Knightdale Approved Standards shall mean all development documents necessary for approval for the Property including, but not limited to, any special use permit, subdivision plan, site plan, subdivision plat(s), phasing schedule, Development Agreement, Utility Allocation Agreement, Annexation Agreement, the Town of Knightdale Standard Specification and Details Manual and applicable provisions of the North Carolina State Building Code.

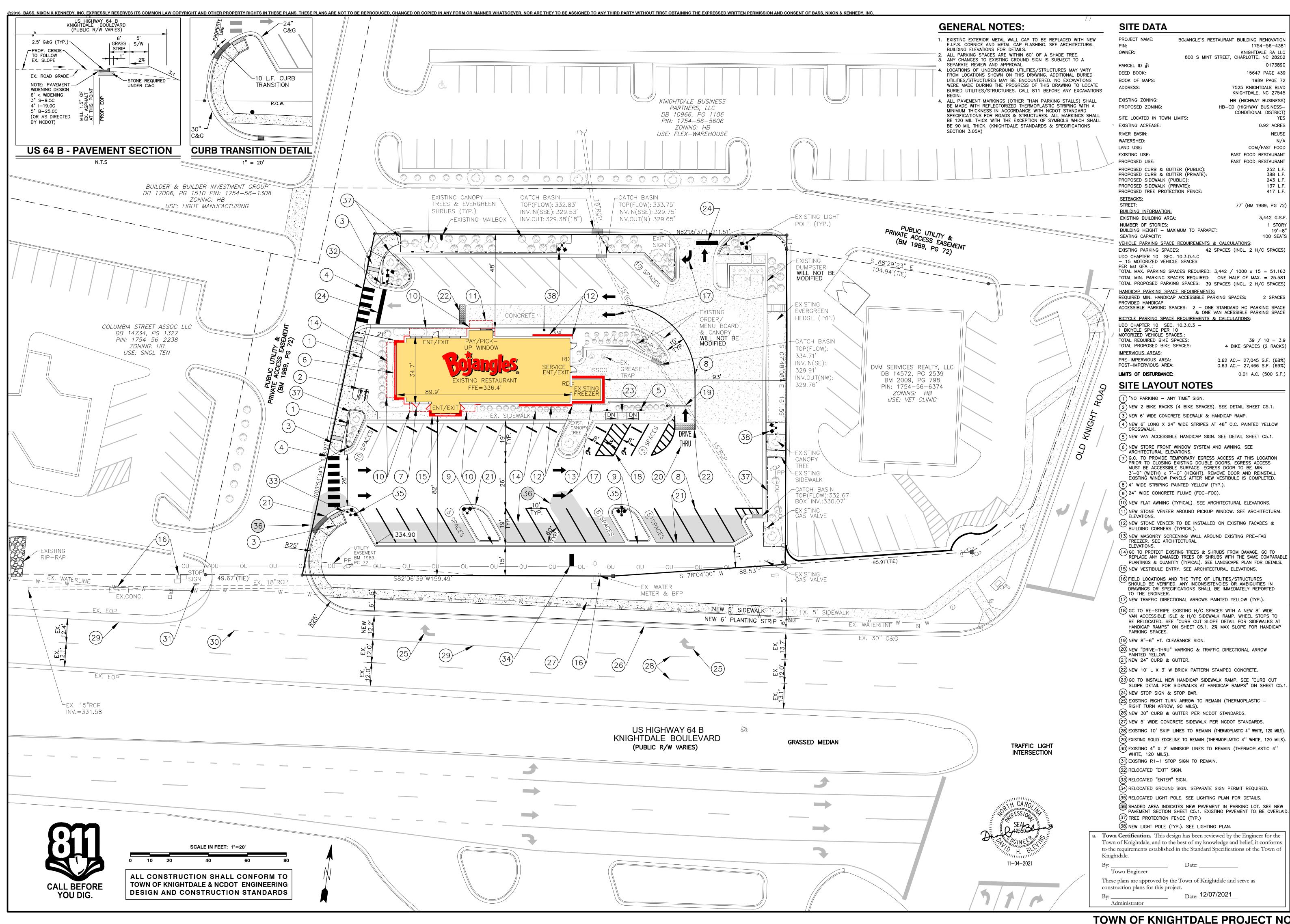
b. Professional Design Engineer Certification. These improvements shall be constructed in accordance with the following drawings and with the Standard Specifications of the Town of Knightdale

, PE, certify that the Standard Specifications of the Town of Knightdale have been thoroughly checked and found to be applicable to this project. All exceptions to the applicable Town standards have been previously approved by the Town of Knightdale and said exceptions are shown on Sheet(s) ______ of these drawings.

4	11-04-21	TOK SIGNATURES	вто
3	10-15-21	2ND TOK CONST. COMMENTS	вто
2	09-10-21	1ST TOK CONST. COMMENTS	вто
1	06-04-21	1ST TOK REVIEW COMMENTS	вто
NO.	DATE	DESCRIPTION	BY
	· ·	REVISIONS	



TOWN OF KNIGHTDALE PROJECT NO. ZMA-2-20





1754-56-438

0173890

KNIGHTDALE RA LLC

15647 PAGE 439

HB (HIGHWAY BUSINESS)

CONDITIONAL DISTRICT)

FAST FOOD RESTAURANT

1989 PAGE 72

0.92 ACRES

NEUSE

243 L.F.

137 L.F

417 L.F.

3,442 G.S.F.

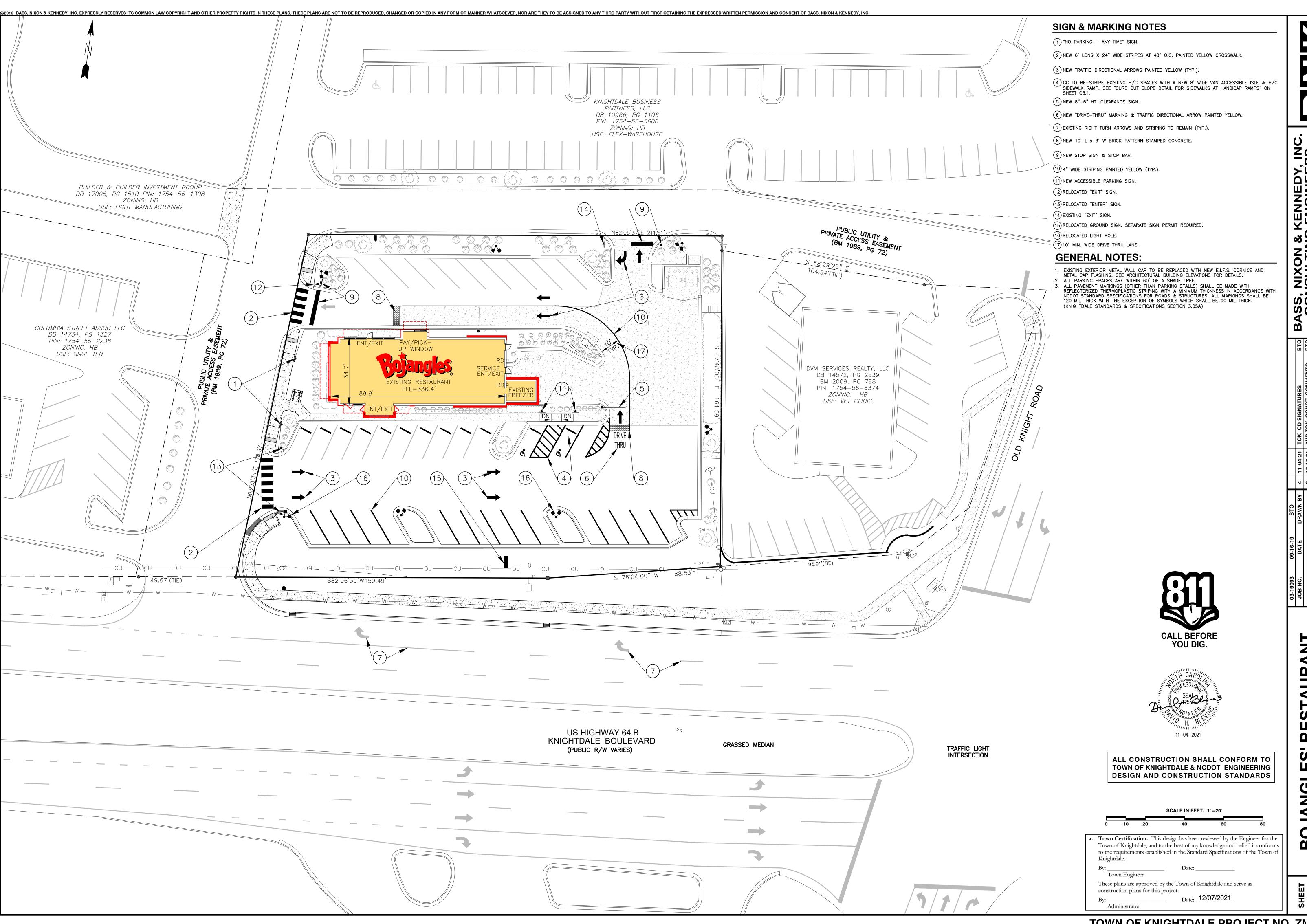
0.01 A.C. (500 S.F.)

COM/FAST FOOD FAST FOOD RESTAURANT 山乙 77' (BM 1989, PG 72) 1 STORY 19'-8" 100 SEATS XX SC SO SO

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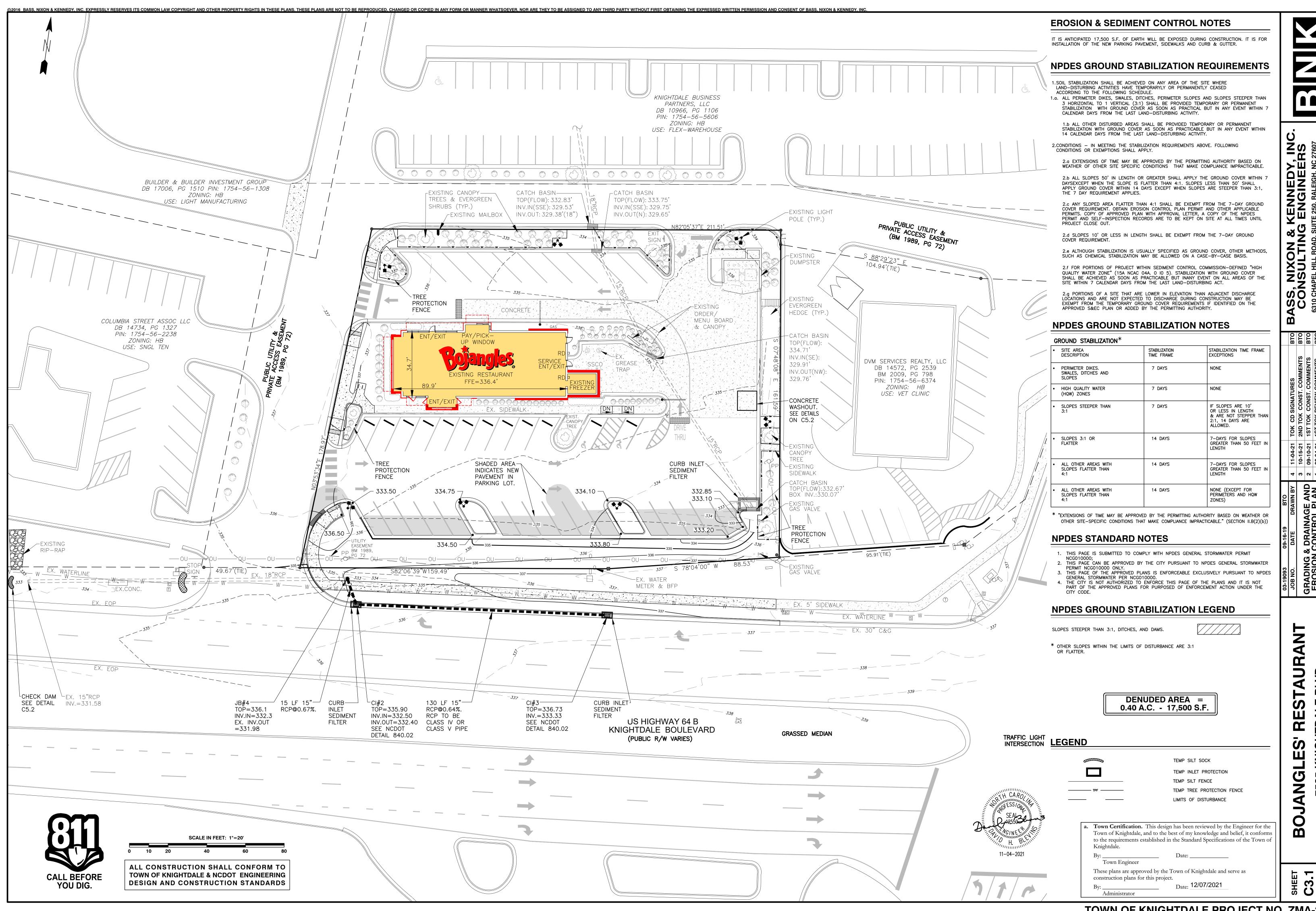
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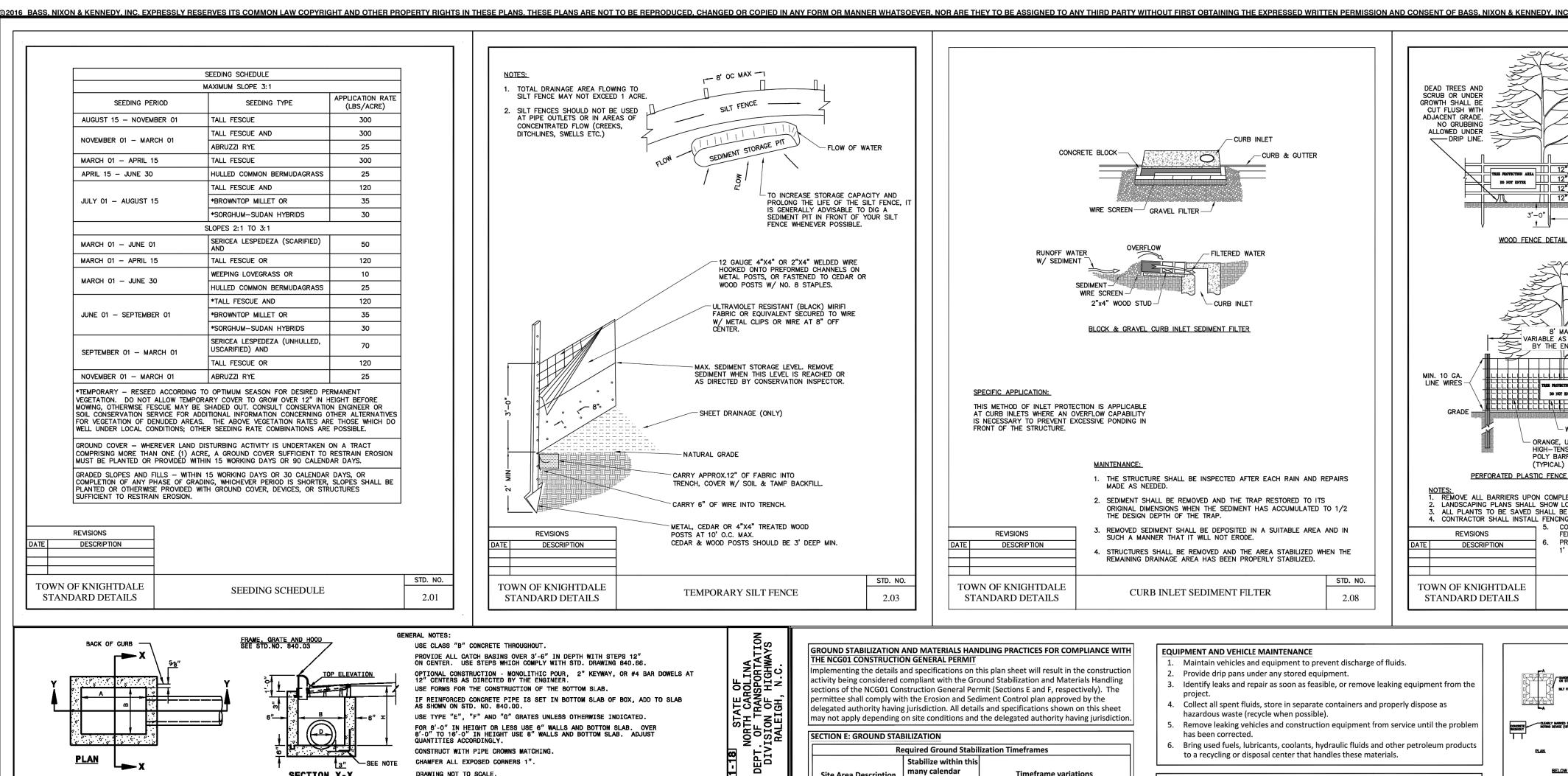
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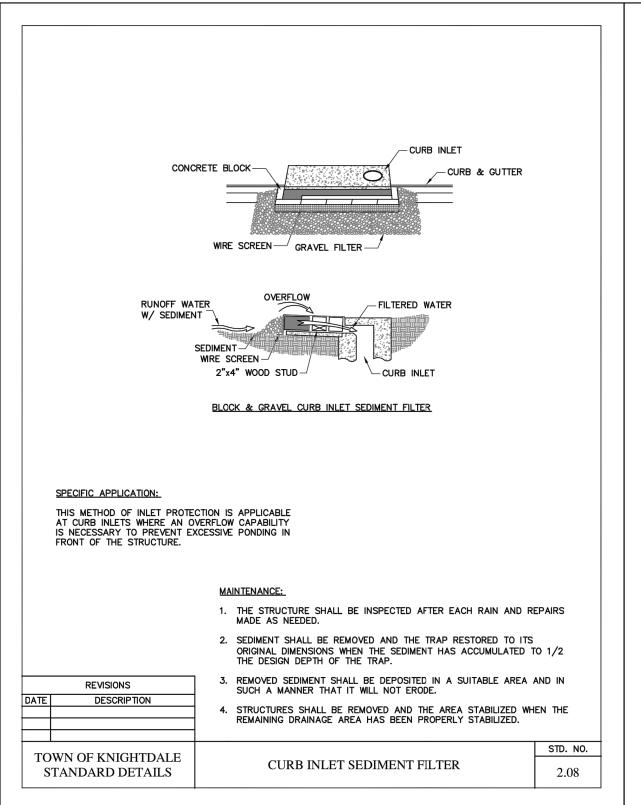
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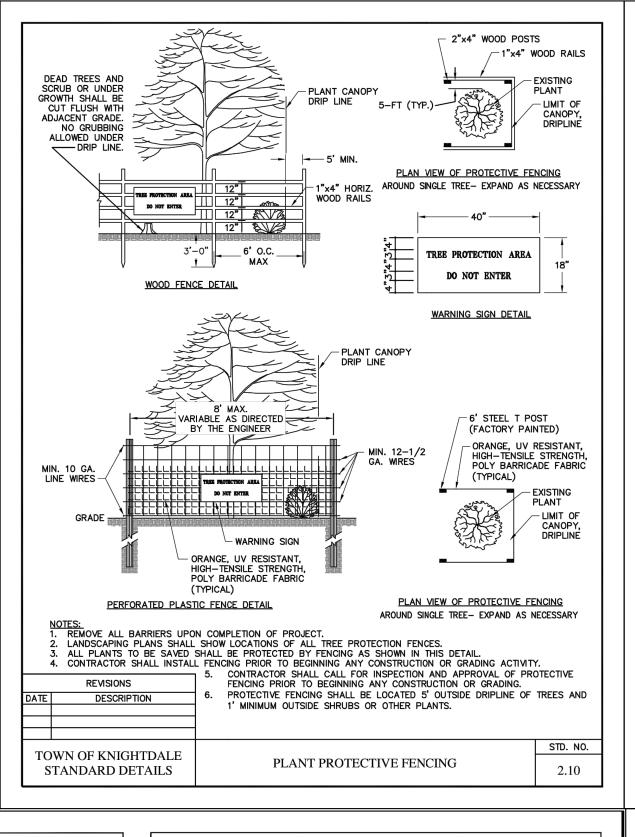


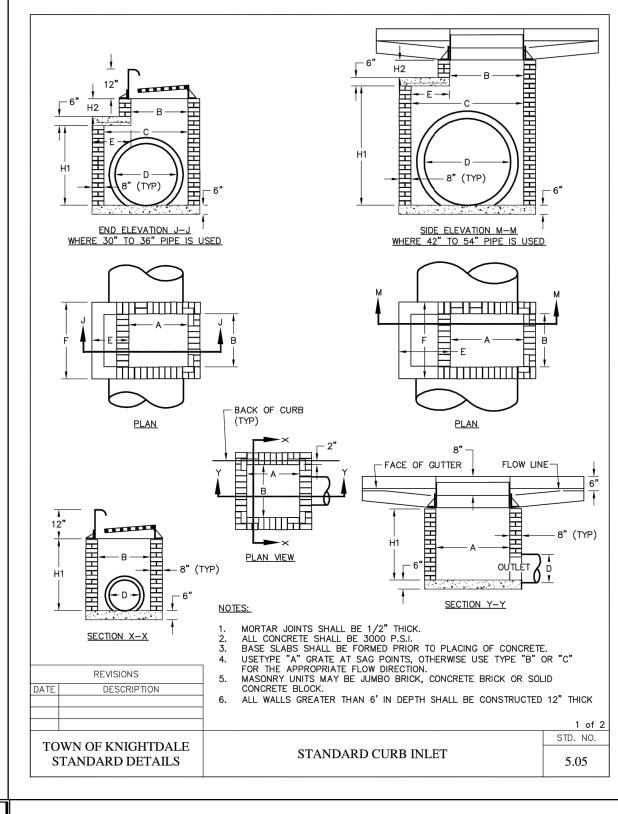
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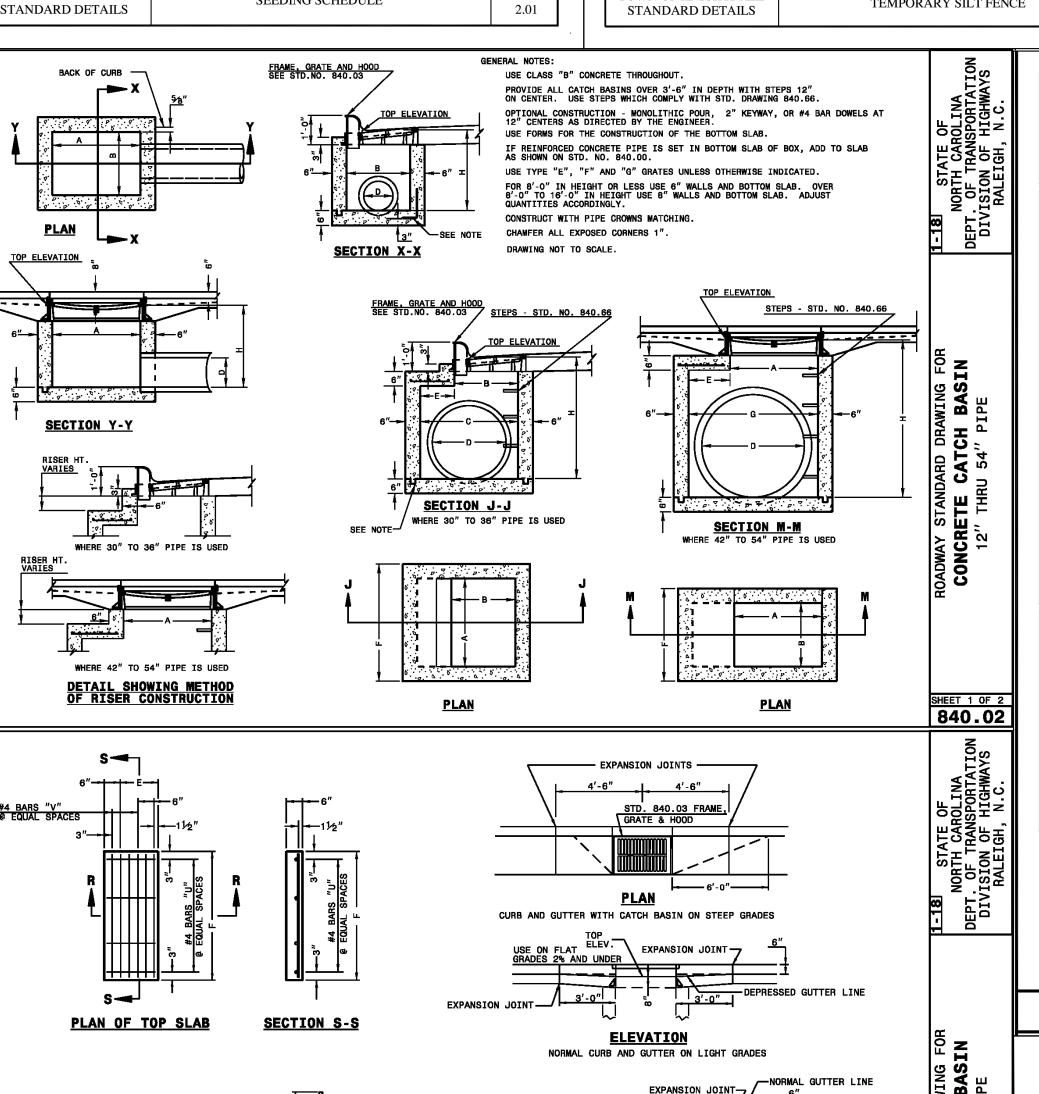
NO PE



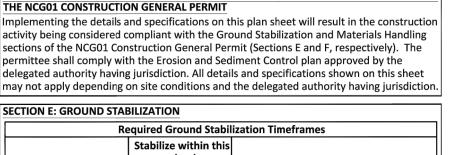








* RISER HAS .228 CUBIC YARDS OF CONCRETE PER FOOT HEIGHT



Si	te Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a)	Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b)	High Quality Water (HQW) Zones	7	None
(c)	Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d)	Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e)	Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zond -10 days for Falls Lake Watershed unless there is zero slope

surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION tabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the echniques in the table below Temporary grass seed covered with straw or Permanent grass seed covered with straw or

other mulches and tackifiers other mulches and tackifiers Geotextile fabrics such as permanent soi Hydroseeding Rolled erosion control products with or reinforcement matting without temporary grass seed Shrubs or other permanent plantings covered Appropriately applied straw or other mulch Uniform and evenly distributed ground cover sufficient to restrain erosion

or surrounded by secondary containment structures

TYPE "BELOW GRADE"

840.02

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.

retaining walls

Structural methods such as concrete, asphalt or

Rolled erosion control products with grass seed

TYPE "ABOVE GROUND"

WITH WOOD PLANKS

Apply flocculants at or before the inlets to Erosion and Sediment Control Measures. Apply flocculants at the concentrations specified in the NC DWR List of Approved *PAMS/Flocculants* and in accordance with the manufacturer's instructions. Provide ponding area for containment of treated Stormwater before discharging Store flocculants in leak-proof containers that are kept under storm-resistant cover

EQUIPMENT AND VEHICLE MAINTENANCE Maintain vehicles and equipment to prevent discharge of fluids. Provide drip pans under any stored equipment.

Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).

Identify leaks and repair as soon as feasible, or remove leaking equipment from the

- Remove leaking vehicles and construction equipment from service until the problem
- has been corrected. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products

ITTER. BUILDING MATERIAL AND LAND CLEARING WASTE

to a recycling or disposal center that handles these materials.

- Never bury or burn waste. Place litter and debris in approved waste containers. Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available. Locate waste containers on areas that do not receive substantial amounts of runoff
- from upland areas and does not drain directly to a storm drain, stream or wetland. Cover waste containers at the end of each workday and before storm events of provide secondary containment. Repair or replace damaged waste containers. Anchor all lightweight items in waste containers during times of high winds.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow. Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

- Do not dump paint and other liquid waste into storm drains, streams or wetlands. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available. . Contain liquid wastes in a controlled area.
- 4. Containment must be labeled, sized and placed appropriately for the needs of site. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

50 feet away from storm drain inlets, sediment basins, perimeter sediment control: and surface waters unless it can be shown no other alternatives are reasonably

Show stockpile locations on plans. Locate earthen-material stockpile areas at least

Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

Provide stable stone access point when feasible. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.

PLAN NOT TO SCALE

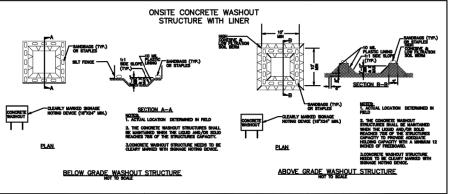
LAG SCREWS -

||CONCRETE|

WASHOUT

CONCRETE WASHOUT

(OR EQUIVALENT)



CONCRETE WASHOUTS

- Do not discharge concrete or cement slurry from the site. Dispose of, or recycle settled, hardened concrete residue in accordance with local
- and state solid waste regulations and at an approved facility Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within
- lot perimeter silt fence Install temporary concrete washouts per local requirements, where applicable. If ar alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it
- can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the
- approving authority. Install at least one sign directing concrete trucks to the washout within the project
- limits. Post signage on the washout itself to identify this location. Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural
- components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions. . At the completion of the concrete work, remove remaining leavings and dispose of
- in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

- Store and apply herbicides, pesticides and rodenticides in accordance with label
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately. Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

- Place hazardous waste containers under cover or in secondary containment.
- Create designated hazardous waste collection areas on-site. 3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

1. ACTUAL LAYOUT TO BE DETERMINED IN THE FIELD. 2. A CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT

WASHOUT FACILITIES SHALL BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF OR RECYCLED.

4. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED, REPAIRED, AND STABILIZED TO PREVENT EROSION.

5. MUST BE LOCATED >50 FT AWAY FROM INLETS/WATERW. UNLESS THERE IS NO OTHER PRACTICAL ALTERNATIVE.

EFFECTIVE: 04/01/1

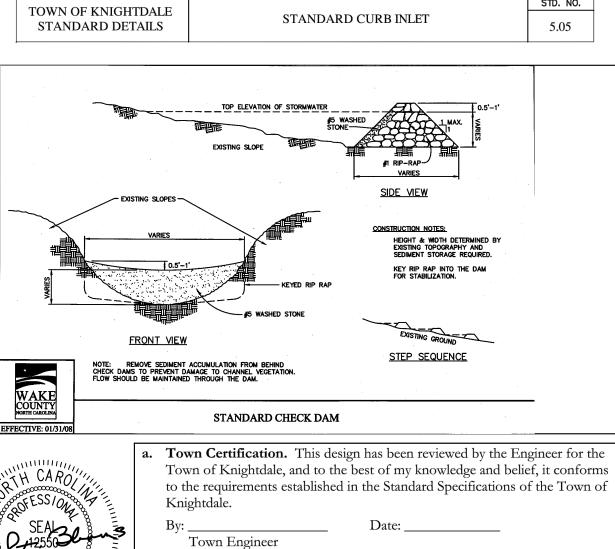
CITY OF RALEIGH

STANDARD DETAIL

CONCRETE WASHOU

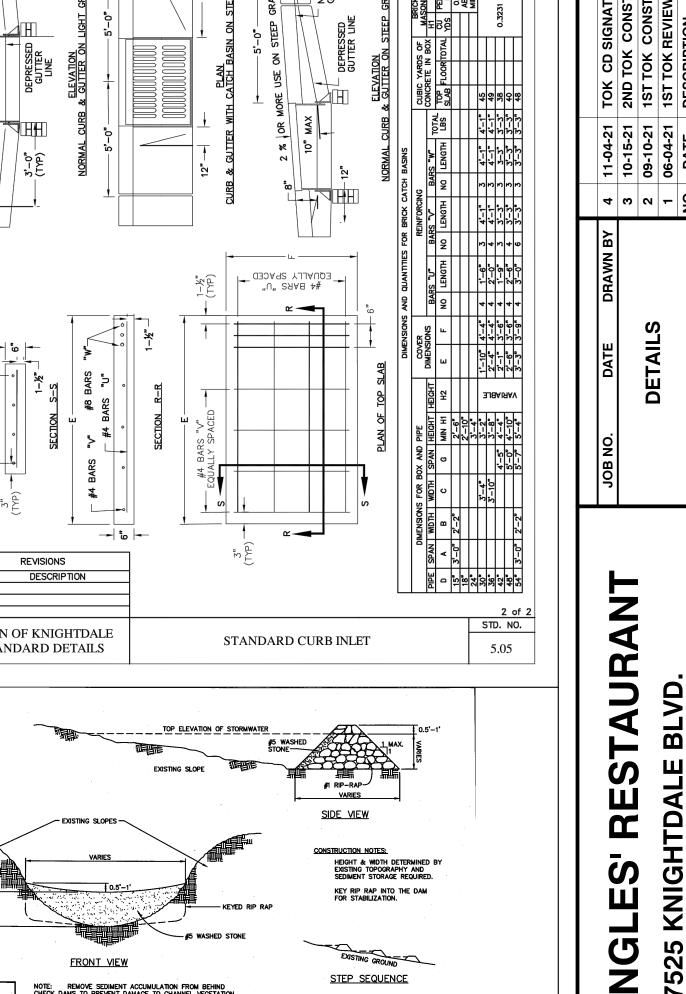
SW-20.25

REVISIONS DATE: 8/2020



These plans are approved by the Town of Knightdale and serve as

construction plans for this project.





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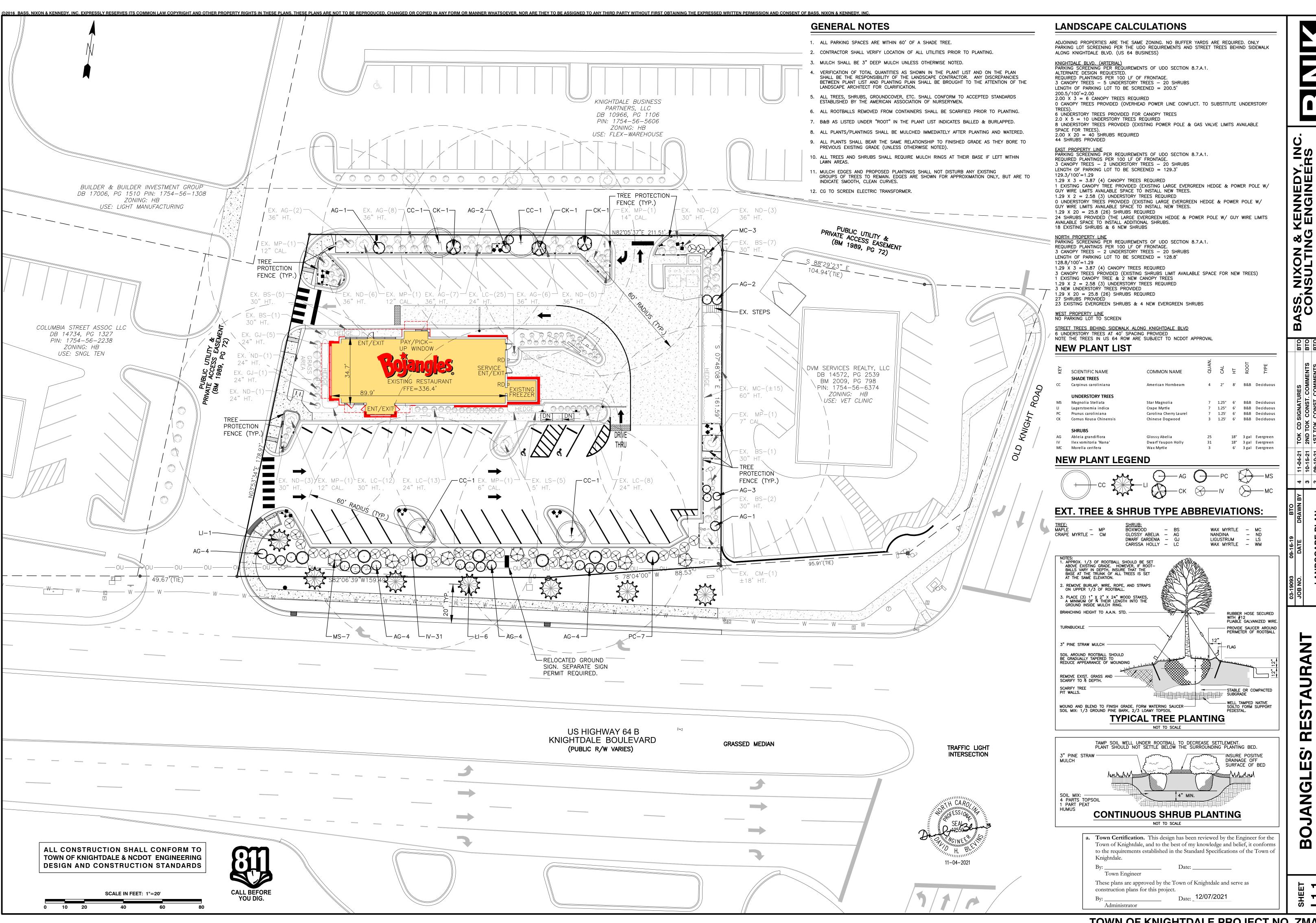
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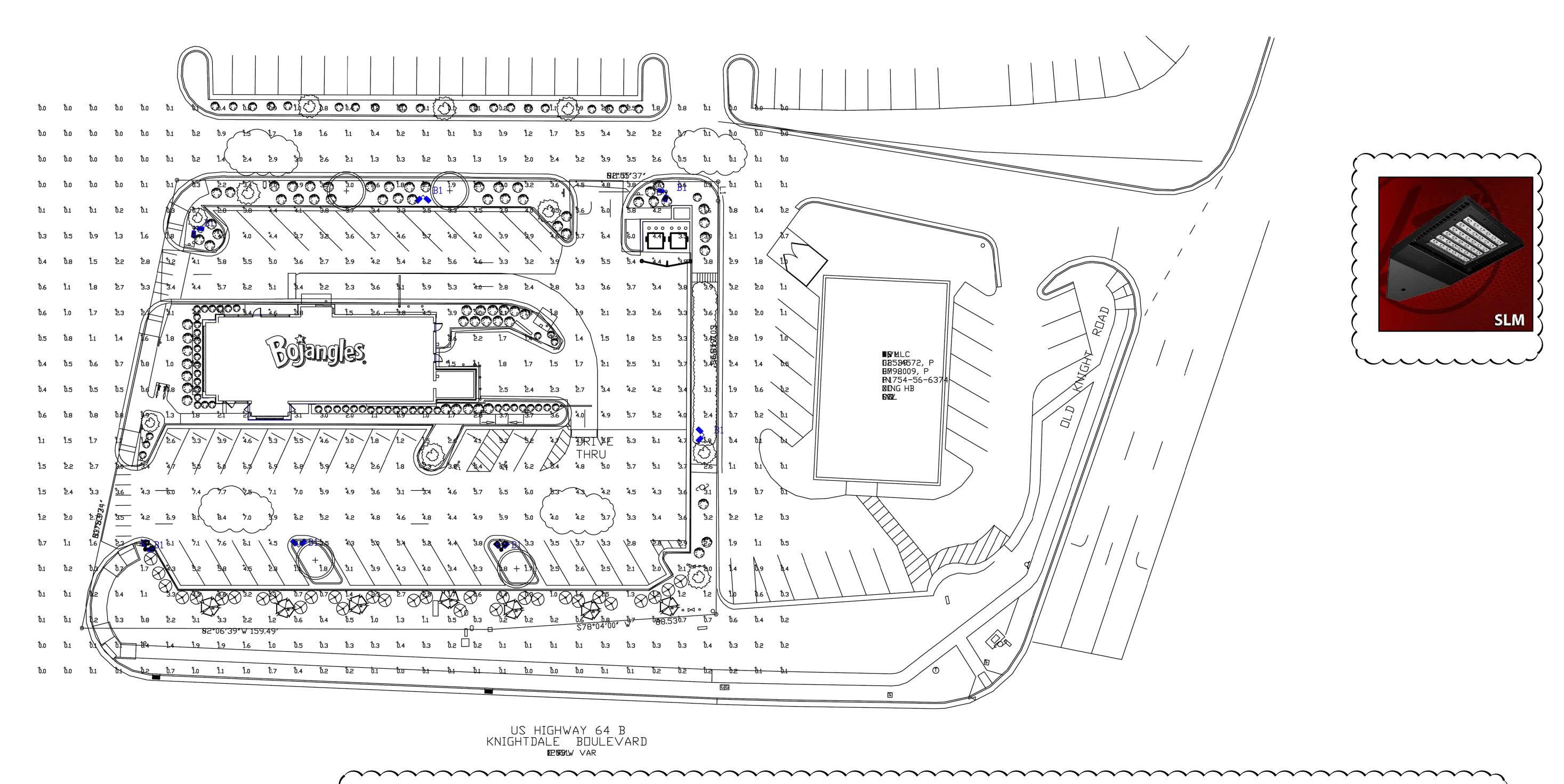
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TOWN OF KNIGHTDALE PROJECT NO. ZMA-2-20



BLVD

KNIGHTDA



Luminaire Sch	redule									
Symbol	Qty	Label	Arrangement	Description	LLD	LDD	LLF	Arr. Lum. Lumens	Arr. Watts	BUG Rating
€	7	B1	2 @ 90 DEGREES	SLM-LED-18L-SIL-FT-50-70CRI-IL	1.000	1.000	1.000	24086	270	B1-U0-G2

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL CALC POINTS	Illuminance	Fc	2.33	8.4	0.0	N.A.	N.A.
INSIDE CURB	Illuminance	Fc	4.13	8.4	0.8	5.16	10.50

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

a. Town Certification. This design has been reviewed by the Engineer for the Town of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.

By: _____ Date: ____
Town Engineer

These plans are approved by the Town of Knightdale and serve as

construction plans for this project.

By: _____ Date: 12/07/2021

Administrator

Total Project Watts
Total Watts = 1890



SCALE: 1"=20'

10000 ALLIANCE RII. CINCINNATI, DHIII 45242 USA (SI3) 799-3000 II FAX (SI3) 799-6823

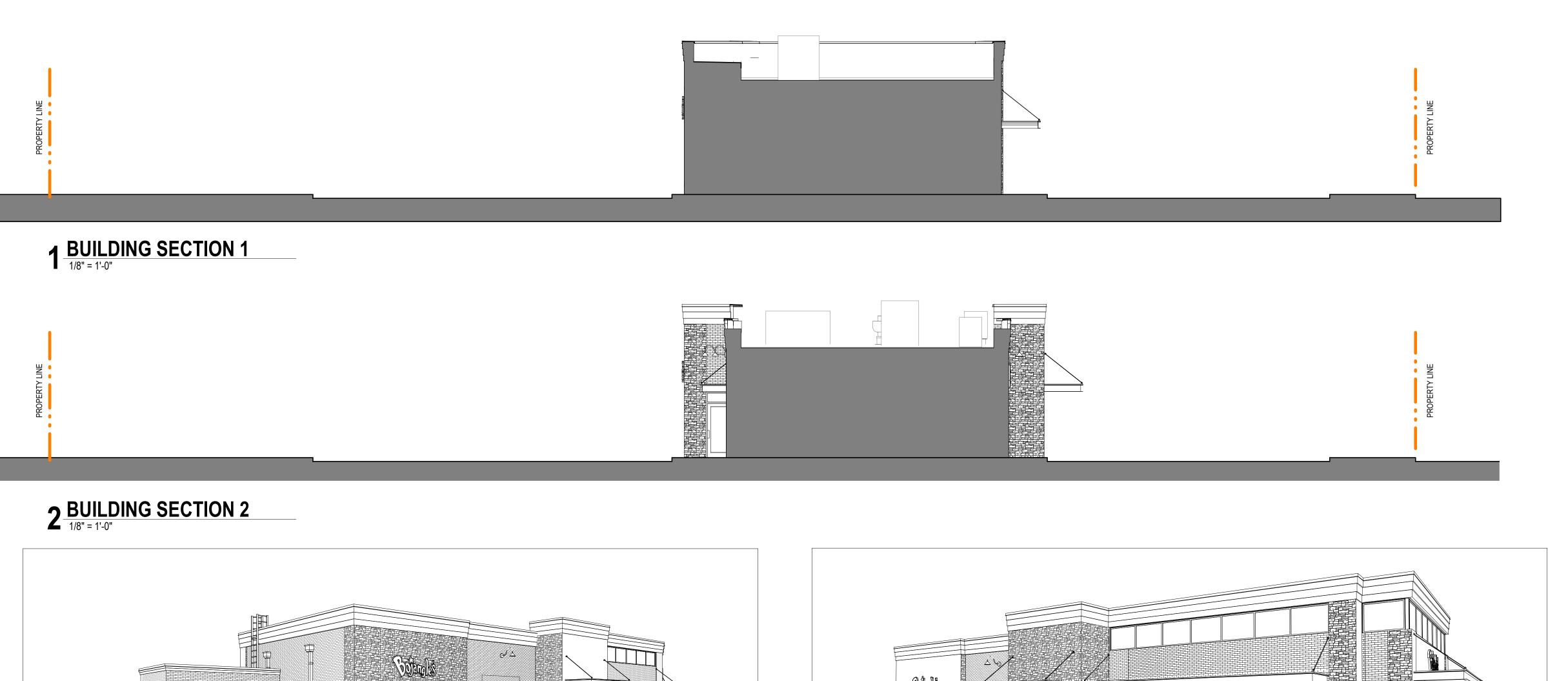
LIGHTING PROPOSAL LO-154329-1

BOJANGLES

BDJANGLES
7525 KNIGHTDALE BLVD
KNIGHTDALE,NC

BYISAM(MWE) DATE/8-24-21 REV/10-12-21













Town Certification. This design has been reviewed by the Engineer for the Town of Knightdale, and to the best of my knowledge and belief, it conforms to the requirements established in the Standard Specifications of the Town of Knightdale.						
By: Town Engineer	Date:					
These plans are app	These plans are approved by the Town of Knightdale and serve as					
construction plans f	Or this project. Date: 12/07/2021					

FOR REFERENCE **ONLY**

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Ldesigndevelopment

800 Salem Woods Drive Suite 102 Raleigh, NC 27615 919.848.4474

BOJANGLES -KNIGHTDALE #11

7525 KNIGHTDALE BLVD KNIGHTDALE, NC 27545

No. Date Description

> 190041 PROJECT #:

DATE:

BUILDING SECTIONS

A3.1

DIGITAL PRINT DATE: 8/18/2021 12:08:28 PM